

Converting Colors

Android(4287215615)

Have a look what the booklet for
Android(4287215615) contains.

Android(4287215615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287215615)

Conversions

Conversions Part 1

Format	Color
Hex	89B7FF
RGB	137, 183, 255
RGB Percent	54%, 72%, 100%
CMY	0.4627, 0.2824, 0.0000
CMYK	0.46, 0.28, 0.00, 0.00
HSL	217°, 100%, 77%
HSV	217°, 46%, 100%
XYZ	45.3000, 46.4053, 101.1773
YIQ	177.4540, -50.5280, 12.6400

Conversions

Conversions Part 2

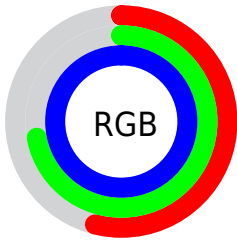
Format	Color
RYB	137, 170, 255
Decimal	9025535
CIELab	73.81, 3.46, -40.33
CIElCh	74, 40.473, 274.903
Yxy	46.4053, 0.2349, 0.2406
Android (android.graphics.Color)	4287215615 (0xFF89B7FF)
YUV	177.4540, 38.2302, -35.4782
Hunter-Lab	68.1215, -0.5121, -40.3754

Details

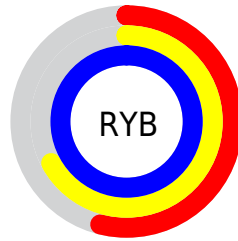
The Android color `4287215615` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294955401`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4291031039`, and `4283400902` is the 20% darker color. If you saturate the color by 10%, you get `4285573119`, and if you desaturate by 10%, it is `4288923647`.

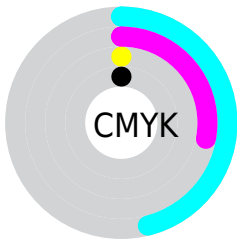
Distribution



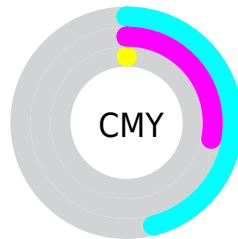
- Red (54%)
- Green (72%)
- Blue (100%)



- Red (54%)
- Yellow (67%)
- Blue (100%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287215615 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4287215615 by changing the saturation by 10% instead.



4287215615



4287215615

4294967295



4285308130



4291031039



4283400902



4292935679



4281297322

4294901759



4278211216



4278205302



4278199901



4278194501



4278190894



4278190360

■ 4287215615

■ 4287215615

■ 4285573119

■ 4288923647

■ 4283865343

■ 4290565887

■ 4282157311

■ 4292273919

■ 4280515071

■ 4293916159

■ 4278807039

4294967295

■ 4278215679

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4282696440



4287215615



4290947570

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4287215615



4294679949



4285777813

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4287215615



4294955401

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4288725111



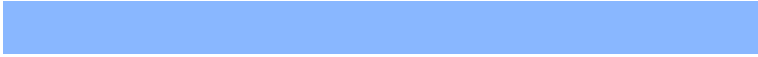
4287215615



4293372019

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4287215615



4294744241



4291343722



4282173882

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4287215615



4292780513



4291343722



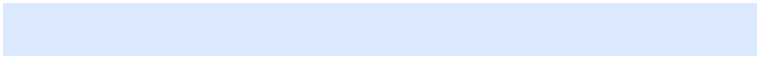
4286825865

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4287215615



4292602367



4287234000



4285166208



4278190080



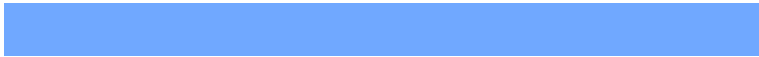
4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4287215615



4285573375



4287990271



4285757568



4278209471



4278196544

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294937015



4294930600



4294180745



4286608248



4290707531



4282384409

Previews

White Background



This preview shows how the Android color 4287215615 looks on a white background.

Color Contrast Check

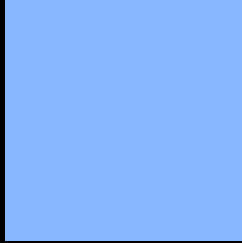
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287215615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

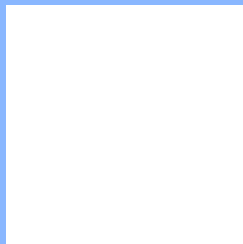
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4287215615 Background



This preview shows how black text looks on a background with the Android color 4287215615.



This preview shows how white text looks on a background with the Android color 4287215615.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4287215615

Protanopia

4288656123

Deuteranopia

4288328703

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4287215615 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 183, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 183, 255) }
```

Border

The CSS property to change the border of an element to Android 4287215615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 183, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 183, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 183,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4287215615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 183, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
183, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor